

OK TO ENTER: /A.S./

**AMENDMENTS TO THE CLAIMS**

02/22/2011

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (previously presented): A bone cement comprising in admixture a monomer-containing liquid portion and a particulate polymer portion, wherein at least one of said portions comprises a non-polymerizable organoiodine compound, which, when present, is dissolved in the liquid portion or incorporated into the particles of the particulate polymer portion.

2. -3. (canceled).

4. (previously presented): The bone cement according to claim 1 having a chemically homogenized distribution of all components therein.

5. (canceled).

6. (previously presented): The bone cement as claimed in claim 1, wherein said cement additionally comprises an antibiotic compound.

7. (previously presented): The bone cement as claimed in claim 6, wherein said antibiotic compound is selected from the group consisting of gentamicin, colistin, erythromycin, clindamycin, penicillins, norfloxacin and chloramphenicol.

8. (previously presented): The bone cement as claimed in claim 6, wherein said antibiotic compound is present in the form of a lipophilic ester.

9. (previously presented): The bone cement as claimed in claim 1, wherein the concentration of the organoiodine compound within the particulate polymer portion differs by less than 50% compared to the concentration of the organoiodine within a polymer which is prepared *in situ* from the monomer during use.